



APPLICATION FOR EARTH STATION SPECIAL TEMPORARY AUTHORITY

APPLICANT INFORMATION Enter a description of this application to identify it on the main menu:  
Request for Extension of Special Temporary Authority to Use Hagerstown, MD Earth Station KA275 to Provide TT&C Services to Intelsat 35e Satellite

1. Applicant

|                   |   |                      |                             |
|-------------------|---|----------------------|-----------------------------|
| <b>Name:</b>      | Intelsat License LLC                              | <b>Phone Number:</b> | 703-559-7848                |
| <b>DBA Name:</b>  |   | <b>Fax Number:</b>   | 703-559-8539                |
| <b>Street:</b>    | c/o Intelsat Corporation<br>7900 Tysons One Place | <b>E-Mail:</b>       | susan.crandall@intelsat.com |
| <b>City:</b>      | McLean  | <b>State:</b>        | VA                          |
| <b>Country:</b>   | USA   | <b>Zipcode:</b>      | 22102 -5972                 |
| <b>Attention:</b> | Susan H. Crandall                                 |                      |                             |



60 days

EXTENSION WITH CONDITIONS

File # SES-STA-20170822-00943

Call Sign KA275 Grant Date 08/24/2017  
(or other identifier)

Term Dates  
From: 08/27/2017 To: 10/26/2017

Approved: Paul E. Blain



Abbreviated: \_\_\_\_\_  
From: \_\_\_\_\_ for \_\_\_\_\_  
(or other identifier) Item Dates  
Call sign: \_\_\_\_\_ Item Dates  
ENC A \_\_\_\_\_

Applicant: Intelsat License LLC  
File No.: SES-STA-20170822-00943  
Call Sign: KA275  
Special Temporary Authority

Intelsat License, LLC, is granted a special temporary authority extension from SES-STA-20170719-00781 for 60 days, beginning August 27, 2017, to operate its fixed earth station in Hagerstown, Maryland, call-sign KA275, to provide telemetry, tracking, and command (TT&C) services to Intelsat 35e (S2959) at its permanent location of 34.5° W.L., using the following center frequencies: 5853.00 MHz and 6424.50 MHz (Earth-to-space), and 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth) under the following conditions:

1. All operators of satellites will be provided with an emergency phone number where the licensee can be reached in the event that harmful interference occurs, currently the 24x7 contact information for the Intelsat 35e is as follows:

Phone: (703) 559-7701 - East Coast Operations Center (primary);  
(310) 525-5591 - West Coast Operations Center (back-up).  
Request to speak with Harry Burnham or Kevin Bell.

2. All operations under this grant of special temporary authority shall be on an unprotected and non-harmful interference basis. Intelsat's KA275 shall not cause harmful interference to, and shall not claim protection from interference caused to it by, any other lawfully operating radio communication system.

3. In the event of any harmful interference under this grant of special temporary authority, Intelsat License LLC, KA275, must cease operations immediately upon notification of such interference and must inform the Commission, in writing, immediately of such an event.

4. Grant of this authorization is without prejudice to any determination that the Commission may make regarding pending or future Intelsat License LLC applications.

5. Any action taken or expense incurred as a result of operations pursuant to this special temporary authority is solely at Intelsat License LLC's risk.

6. This grant is issued pursuant to Section 0.261 of the Commission's rules on delegated authority, 47 C.F.R. § 0.261, and is effective upon release.



"Extension with conditions"

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**INTELSAT**

*Envision. Connect. Transform.*

August 22, 2017

Ms. Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, S.W.  
Washington, D.C. 20554

Re: Request for Extension of Special Temporary Authority  
Hagerstown, Maryland Earth Station KA275

Dear Ms. Dortch:

Intelsat License LLC (“Intelsat”) herein requests an additional 60 days of Special Temporary Authority (“STA”)<sup>1</sup> previously granted Intelsat to use its Hagerstown, Maryland C-band earth station—call sign KA275—to provide Telemetry, Tracking, and Command (“TT&C”) services<sup>2</sup> to Intelsat 35e (call sign S2959) at its permanent location of 34.5° W.L.<sup>3</sup> Intelsat has a pending application to permanently modify its KA275 license to support Intelsat 35e TT&C services at 34.5° W.L.<sup>4</sup>

The Intelsat 35e operations will continue to be performed at the following center frequencies: 4197.75 MHz, 4198.25 MHz, 4198.75 MHz, and 4199.25 MHz (space-to-Earth); and 5853.0 MHz and 6424.5 MHz (Earth-to-space).

In further support of this request, Intelsat incorporates by reference its pending modification application,<sup>5</sup> which includes technical information that demonstrates that the operation of the earth station will be compatible with its electromagnetic environment and will not cause harmful interference into any lawfully operating terrestrial facility.

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<sup>1</sup> Intelsat has filed its STA request, an FCC Form 159, a \$200.00 filing fee, and this supporting letter electronically via the International Bureau’s Filing System (“IBFS”).

<sup>2</sup> See *Satellite Communications Services Information: Actions Taken*, Report No. SES-01977, File No. SES-STA-20170719-00781 (July 26, 2017) (Public Notice).

<sup>3</sup> See *Policy Branch Information: Actions Taken*, Report No. SAT-01191, SAT-LOA-20160408-00034 (Oct. 7, 2016) (Public Notice).

<sup>4</sup> See *Satellite Communications Services, Satellite Radio Applications Accepted For Filing*, Report No. SES-01978, File No. SES-MOD-20170707-00742 (Aug. 2, 2017) (Public Notice).

<sup>5</sup> *Id.*

Ms. Marlene H. Dortch  
August 22, 2017  
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The Intelsat 35e operations at 34.5° W.L. will continue to be consistent with Intelsat's coordination agreements for the nominal 34.5° W.L. In the unlikely event that harmful interference occurs, Intelsat will take all necessary steps to eliminate the interference.

Grant of this STA extension request will allow Intelsat to continue providing TT&C services to the Intelsat 35e satellite at 34.5° W.L., which ensures safe station-keeping of the satellite. This, in turn, will help ensure continuity of service at the 34.5° W.L. orbital location and thereby promotes the public interest.

Please direct any questions regarding this STA extension request to the undersigned at (703) 559-6949.

Respectfully submitted,

*/s/ Cynthia J. Grady*

Cynthia J. Grady  
Regulatory Counsel  
Intelsat Corporation

cc: Paul Blais

**2. Contact**

|                   |                       |                      |                            |
|-------------------|-----------------------|----------------------|----------------------------|
| <b>Name:</b>      | Cynthia J. Grady      | <b>Phone Number:</b> | 703-559-6949               |
| <b>Company:</b>   | Intelsat Corporation  | <b>Fax Number:</b>   | 703-559-8539               |
| <b>Street:</b>    | 7900 Tysons One Place | <b>E-Mail:</b>       | cynthia.grady@intelsat.com |
| <b>City:</b>      | McLean                | <b>State:</b>        | VA                         |
| <b>Country:</b>   | USA                   | <b>Zipcode:</b>      | 22102 -5972                |
| <b>Attention:</b> |                       | <b>Relationship:</b> | Legal Counsel              |

(If your application is related to an application filed with the Commission, enter either the file number or the IB Submission ID of the related application. Please enter only one.)

3. Reference File Number SESMOD2017070700742 or Submission ID

4a. Is a fee submitted with this application?

- If Yes, complete and attach FCC Form 159. If No, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114).
- Governmental Entity     Noncommercial educational licensee
- Other (please explain):

4b. Fee Classification CGX - Fixed Satellite Transmit/Receive Earth Station

5. Type Request

- Use Prior to Grant                       Change Station Location                       Other

6. Requested Use Prior Date

7. City Hagerstown

8. Latitude  
(dd mm ss.s h) 39 35 55.0 N

|  |   |
|--|---|
| 9. State MD  | 10. Longitude<br>(dd mm ss.s h) 77 45 35.0 W                            |
| 11. Please supply any need attachments.<br>Attachment 1: STA Request                      Attachment 2:                      Attachment 3:   |   |
| 12. Description. (If the complete description does not appear in this box, please go to the end of the form to view it in its entirety.)<br><div style="border: 1px solid black; padding: 5px; margin: 10px 0;">IntelSAT License LLC herein requests an additional 60 days of Special Temporary Authority previously granted IntelSAT to use its Hagerstown, Maryland C-band earth station, call sign KA275, to provide Telemetry, Tracking, and Command services to IntelSAT 35e (call sign S2959) at its permanent location of 34.5 W.L.</div> |   |
| 13. By checking Yes, the undersigned certifies that neither applicant nor any other party to the application is subject to a denial of Federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Act of 1988, 21 U.S.C. Section 862, because of a conviction for possession or distribution of a controlled substance. See 47 CFR 1.2002(b) for the meaning of "party to the application"; for these purposes. <span style="float: right;"><input checked="" type="radio"/> Yes      <input type="radio"/> No</span> |   |
| 14. Name of Person Signing<br>Cynthia J. Grady   | 15. Title of Person Signing<br>Regulatory Counsel, IntelSAT Corporation |
| <b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND / OR IMPRISONMENT (U.S. Code, Title 18, Section 1001), AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>   |   |



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